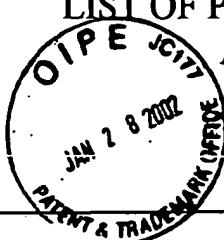


LIST OF PRIOR ART CITED BY
APPLICANT
(PTO-1449)



ATTY. DOCKET NO.
CI-0001

APPLN. SERIAL NO.
09/925,619

APPLICANT(S)
Wilson BURGESS, William N. DROHAN,
Martin J. MACPHEE, David M. MANN and Ewa
MADDOX

FILING DATE
August 10, 2001

GROUP
1744

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
MRC	RE. 23,195	02/1950	Arno Brasch	21	54	
MRC	2,832,689	04/1958	Bernard E. Proctor et al.	99	RE 157	
MRC	2,920,969	01/1960	E.S. Stoddard	99	RE 204	
MRC	2,962,380	11/1960	J.H. Wertheim	99	RE 214	
MRC	3,620,944	11/1971	Keiko Tanito	204	3658	
MRC	3,743,480	07/1973	John D. Falk	21	C 2002	
MRC	3,779,706	12/1973	Nablo	21	1700	
MRC	4,136,094	01/1979	Condie	260	1220	
MRC	4,251,437	02/1981	Rasmussen et al.	260	112B	
MRC	4,282,863	08/1981	Beigler et al.	128	1R	
MRC	4,330,626	05/1982	Blair et al.	435	173	

U.S. PATENT APPLICATION PUBLICATIONS

	*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS

U.S. PATENT APPLICATIONS

	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
MRC	2,056,619	10/1991	Canada				
MRC	0 310 316	04/1989	Europe				
MRC	0 334 679	09/1989	Europe				
MRC	WO 90/00907	02/1990	PCT Int'l.				
MRC	WO 91/16060	10/1991	PCT Int'l.				
MRC	WO 95/03071	02/1995	PCT Int'l.				

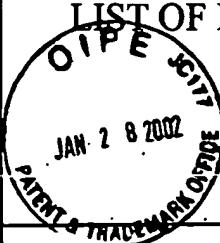
OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)

MRC	AABB FDA Liaison Meeting, ABC Newsletter, December 12, 1997, pp. 14
MRC	Tikvah Alper et al., The Exceptionally Small Size of the Scrapie Agent, 1966, ppgs. 278-284, Biochemical and Biophysical Research Communications, Vol. 22, No. 3

EXAMINER	DATE CONSIDERED
<i>monica h. charliz</i>	01/20/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

LIST OF PRIOR ART CITED BY
APPLICANT
(PTO-1449)



ATTY. DOCKET NO.
CI-0001

APPLN. SERIAL NO.
09/925,619

APPLICANT(S)
Wilson BURGESS, William N. DROHAN,
Martin J. MACPHEE, David M. MANN and Ewa
MADDOX

FILING DATE
August 10, 2001

GROUP
1744

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
MRC	4,370,264	01/1983	Kotitschke et al.	260	112.3	
MRC	4,409,105	10/1983	Hayashi et al.	210	679	
MRC	4,472,840	09/1984	Jefferies	3	1-9	
MRC	4,620,908	11/1986	Van Duzer	204	157-68	
MRC	4,784,850	11/1988	Abraham	424/44	87	
MRC	4,798,611	01/1989	Freeman, Jr.	1623	3066	
MRC	4,933,145	06/1990	Uchida et al.	422	612002	
MRC	4,946,648	08/1990	Dichtelmüller et al.	422	24	
MRC	4,963,356	10/1990	Calenoff et al.	424	20091	
MRC	5,000,951	03/1991	Bass et al.	424	89	
MRC	5,106,619	04/1992	Wiesehahn et al.	424	89	
MRC	5,134,295	07/1992	Wälischmiller	250	455.11	
MRC	5,185,371	02/1993	Rubinstein	422	28	

U.S. PATENT APPLICATION PUBLICATIONS

	*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS	

U.S. PATENT APPLICATIONS

	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation
						Yes No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)

MRC	Tikvah Alper et al., Protection by Anoxia of the Scrapie Agent and Some DNA and RNA Viruses Irradiated as Dry Preparations, 1968, pps. 157-166, J. gen. Virol., Vol. 3
	Tikvah Alper et al., Does the Agent of Scrapie Replicate Without Nucleic Acid? May 20, 1967, pps. 764-766, Nature, Vol. 214
MRC	Tikvah Alper et al., The Scrapie Agent: Evidence Against its Dependence For Replication on Intrinsic Nucleic Acid, 1978, pps. 503-516, J. gen. Virol., Vol. 41

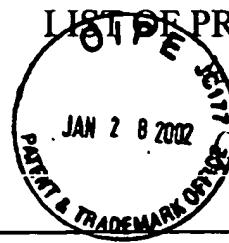
EXAMINER	DATE CONSIDERED
Morgan R. Chubija	01/20/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<p style="text-align: center;">LIST OF PRIOR ART CITED BY APPLICANT</p> <p style="text-align: center;">JAN 28 2002 PTO-1449)</p>			ATTY. DOCKET NO. CI-0001		APPLN. SERIAL NO. 09/925,619	
			APPLICANT(S) Wilson BURGESS, William N. DROHAN, Martin J. MACPHEE, David M. MANN and Ewa MADDOX			
			FILING DATE August 10, 2001		GROUP 1644	
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
MRC	5,226,065	07/1993	Held et al.	378	64	
MRC	5,283,034	02/1994	Okrongly et al.	422	22	
MRC	5,362,442	11/1994	Kent	422	22	
MRC	5,418,130	05/1995	Platz et al.	435		
MRC	5,460,962	10/1995	Kemp	435	238	
MRC	5,510,122	04/1996	Sreebny et al.	424	0537	
MRC	5,548,066	08/1996	Leneau et al.	530	390,502	
MRC	5,603,894	02/1997	Aikus et al.	422	23	
MRC	5,609,864	03/1997	Shanbrom	424	78,08	
MRC	5,637,451	06/1997	Ben-Hur et al.	435	2	
MRC	5,712,086	01/1998	Horowitz et al.	435	2	
MRC	5,730,933	03/1998	Peterson	422	22	
MRC	5,817,528	10/1998	Böhm et al.	436	529	
U.S. PATENT APPLICATION PUBLICATIONS						
	*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS	
U.S. PATENT APPLICATIONS						
	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)						
MRC	Michael L. Baldwin et al., Irradiation of Blood Components, 1992, pps. 1-78, American Association of Blood Banks					
MRC	R.H. Bassin et al., Abrogation of Fv-1 Restriction With Murine Leukemia Viruses Inactivated by Heat or by Gamma Irradiation, May 1978, pps. 306-315, Journal of Virology, Vol. 26, No. 2					
MRC	Guy Beauregard et al., Temperature Dependence of the Radiation Inactivation of Proteins, 1985, pps. 117-120, Analytical Biochemistry, Vol. 150					
EXAMINER <i>Marguerite R. Chalifoux</i>	DATE CONSIDERED <i>01/20/05</i>					

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

LIST OF PRIOR ART CITED BY
APPLICANT
JAN 28 2002 (PTO-1449)



ATTY. DOCKET NO.
CI-0001

APPLN. SERIAL NO.
09/925,619

APPLICANT(S)
Wilson BURGESS, William N. DROHAN,
Martin J. MACPHEE, David M. MANN and Ewa
MADDOX

FILING DATE
August 10, 2001

GROUP
1744

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
MRC	5,837,313	11/1998	Ding et al.	427	2-21	
MRC	5,881,534	03/1999	Ahlqvist et al.	53	403	
MRC	5,981,163	11/2999	Horowitz et al.	435	RECEIVED	
MRC	5,986,168	11/1999	Noishiki	623	114	
MRC	6,046,024	04/2000	Burton et al.	435	JAN 6 8-1	
MRC	6,049,025	04/2000	Stone et al.	623	16 2000	
MRC	6,066,626	05/2000	Yew et al.	514	144	
MRC	6,087,141	07/2000	Margolis-Nunno et al.	435	175-100	
MRC	6,120,592	09/2000	Brault et al.	106	140-3	
MRC	6,159,490	12/2000	Deghenghi	424	426	
MRC	6,171,549	01/2001	Kent	422	22	

U.S. PATENT APPLICATION PUBLICATIONS

	*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS

U.S. PATENT APPLICATIONS

	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)

MRC	David R. Brown et al., Antioxidant Activity Related to Copper Binding of Native Prion Protein, 2001, pps. 69-76, Journal of Neurochemistry, Vol. 76
MRC	P. Brown, The Risk of Blood-Borne Creutzfeldt-Jakob Disease, 1999, pps. 53-59, Advances in Transfusion Safety Dev. Biol. Vol. 102
MRC	P. Brown et al., Further Studies of Blood Infectivity in an Experimental Model of Transmissible Spongiform Encephalopathy, With an Explanation of Why Blood Components Do Not Transmit Creutzfeldt-Jakob Disease in Humans, November/December 1999, pps. 1169-1178, Transfusion, Vol. 39

EXAMINER	DATE CONSIDERED
Margot R. Chalif	01/20/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<p style="text-align: center;">LIST OF PRIOR ART CITED BY APPLICANT (PTO-1449)</p> <p style="text-align: right;">JAN 28 2002</p> <p style="text-align: right;">PATENT & TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE</p>				ATTY. DOCKET NO. CI-0001	APPLN. SERIAL NO. 09/925,619	
				APPLICANT(S) Wilson BURGESS, William N. DROHAN, Martin J. MACPHEE, David M. MANN and Ewa MADDOX		
				FILING DATE August 10, 2001	GROUP 1744	
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
MRC	6,187,572	02/2001	Platz et al.	435	173.3	
MRC	6,190,855	02/2001	Herman et al.	435	2	
MRC	6,197,207	03/2001	Chapman et al.	210	767	
MRC	6,214,534	04/2001	Horowitz et al.	435		
MRC	6,235,508	05/2001	Sowemimo-Coker et al.	435 JAN 30 2002	73.1	
U.S. PATENT APPLICATION PUBLICATIONS						
	*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS	
U.S. PATENT APPLICATIONS						
	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)						
MRC	Paul Brown et al., Effect of Chemicals, Heat, and Histopathologic Processing on High-Infectivity Hamster-Adapted Scrapie Virus, May 1982, pps. 683-687, The Journal of Infectious Diseases, Vol. 145, No. 5					
MRC	P. Brown et al., The Distribution of Infectivity in Blood Components and Plasma Derivatives in Experimental Models of Transmissible Spongiform Encephalopathy, September 1998, pps. 810-816, Transfusion, Vol. 38					
MRC	Derwent Publication AN - 111469					
EXAMINER MRC				DATE CONSIDERED 01/20/05		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<p style="text-align: center;">LIST OF PRIOR ART CITED BY APPLICANT <i>O I P E</i> JAN 28 2002 PTO-1449</p>		ATTY. DOCKET NO. CI-0001		APPLN. SERIAL NO. 09/925,619	
		APPLICANT(S) Wils n BURGESS, William N. DROHAN, Martin J. MACPHEE, David M. MANN and Ewa MADDOX			
		FILING DATE August 10, 2001		GROUP 1744	
		U.S. PATENT DOCUMENTS			
EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS
U.S. PATENT APPLICATION PUBLICATIONS					
	*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS
U.S. PATENT APPLICATIONS					
	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS
FOREIGN PATENT DOCUMENTS					
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS
OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)					
<i>MRL</i>	Derwent Publication - AN 2159557				
<i>MRL</i>	Derwent Publication - AN 2526936				
<i>MRL</i>	P. Di Simplicio et al., The Reactivity of the SH Group of Bovine Serum Albumin With Free Radicals, 1991, pps. 253-262, Free Rad. Res. Comms., Vol. 14, No. 4				
<i>MRL</i>	Duane C. Eichler et al., Radiation Inactivation Analysis of Enzymes, July 15, 1987, pps. 9433-9436, The Journal of Biological Chemistry, Vol. 262, No. 20				
<i>MRL</i>	Luanne H. Elliott et al., Inactivation of Lassa, Marburg, and Ebola Viruses by Gamma Irradiation, Oct. 1982, pps 704-708, Journal of Clinical Microbiology, Vol. 16, No. 4				
<i>MRL</i>	Fields et al., Susceptibility of Scrapie Agent to Ionizing Radiation, April 5, 1969, pps. 90-91, Nature, Vol. 222				
<i>MRL</i>	D.A. Haig, Further Studies on the Inactivation of the Scrapie Agent by Ultraviolet Light, 1969, pps. 455-457, J. gen. Virol., Vol. 5				
<i>MRL</i>	H. Hiemstra et al., Inactivation of Human Immunodeficiency Virus by Gamma Radiation and its Effect on Plasma and Coagulation Factors, 1991, pps. 32-39, Transfusion, Vol. 31, No. 1				
EXAMINER <i>Margaret Chonko</i>		DATE CONSIDERED <i>01/20/05</i>			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<p style="text-align: center;">LIST OF PRIOR ART CITED BY APPLICANT <i>(PTO-1449)</i></p> <p style="text-align: center;">JAN 28 2002 U.S. PATENT & TRADEMARK OFFICE</p>		ATTY. DOCKET NO. CI-0001	APPLN. SERIAL NO. 09/925,619
		APPLICANT(S) William N. DROHAN, Martin J. MACPHEE, David M. MANN and Ewa MADDOX	
		FILING DATE August 10, 2001	GROUP 1744
		OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)	
<i>MRC</i>	B. Horowitz et al., Inactivation of Viruses in Labile Blood Derivatives, II. Physical Methods, 1985, pps. 523-527, Transfusion, Vol. 25, No. 6		
<i>MRC</i>	Carol House et al., Inactivation of Viral Agents in Bovine Serum by Gamma Irradiation, 1990, pps. 737-740, Can. J. Microbiol., Vol. 36		
<i>MRC</i>	E.S. Kempner et al., Size Determination of Enzymes by Radiation Inactivation, 1979, pps. 2-10, Analytical Biochemistry, Vol. 92		
<i>MRC</i>	J.D. Keathley et al., Is There Life After Irradiation? Part 2: Gamma-Irradiated FBS in Cell Culture, July/August 1993, pps. 46-52, BioPharm		
<i>MRC</i>	A.D. Kitchen, Effect of Gamma Irradiation on the Human Immunodeficiency Virus and Human Coagulation Proteins, 1989, pps. 223-229, Vox Sang, Vol. 56		
<i>MRC</i>	Raymond Latarjet, Inactivation of the Agents of Scrapie, Creutzfeldt-Jakob Disease, and Kuru by Radiations, 1979, pps. 387-407, Slow Transmissible Diseases of the Nervous System, Vol. 2		
<i>MRC</i>	R. Latarjet et al., Inactivation of the Scrapie Agent by Near Monochromatic Ultraviolet Light, September 26, 1970, pps. 1341-1343, Nature, Vol. 227		
<i>MRC</i>	Douglas C. Lee et al., A Direct Relationship Between the Partitioning of the Pathogenic Prion Protein and Transmissible Spongiform Encephalopathy Infectivity During the Purification of Plasma Proteins, April 2001, pps. 449-455, Transfusion, Vol. 41		
<i>MRC</i>	Susan F. Leitman, Use of Blood Cell Irradiation in the Prevention of Posttransfusion Graft-vs-Host Disease, 1989, pps. 219-232, Transfus. Sci., Vol. 10		
<i>MRC</i>	Linda Marton et al., Disinfection and Inactivation of the Human T. Lymphotropic Virus Type III/Lymphadenopathy-Associated Virus, August 1985, pps. 400-403, The Journal of Infectious Diseases, Vol. 151, No. 2		
<i>MRC</i>	S.I. Miekka et al., New Methods for Inactivation of Lipid-enveloped and Non-enveloped Viruses, 1998, pps. 402-408, Haemophilia, Vol. 4		
<i>MRC</i>	Z. Mark Plavsic et al., Resistance of Porcine Circovirus to Gamma Irradiation, April 2001, pps. 32-36, BioPharm		
<i>MRC</i>	Pollard, The Effect of Ionizing Radiation on Viruses, pps. 65-71		
EXAMINER <i>Margayla R. Chaykin</i>	DATE CONSIDERED <i>01/20/05</i>		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

LIST OF PRIOR ART CITED BY APPLICANT (PTO-1449)		ATTY. DOCKET NO. CI-0001	APPLN. SERIAL NO. 09/925,619
		APPLICANT(S) Wilson BURGESS, William N. DROHAN, Martin J. MACPHEE, David M. MANN and Ewa MADDOX	
		FILING DATE August 10, 2001	GROUP 1744
OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)			
<i>MRC</i>	Elena Quaglio et al., Copper Converts the Cellular Prion Protein Into a Protease-resistant Species That Is Distinct From the Scrapie Isoform, April 6, 2001, pps. 11434-11438, The Journal of Biological Chemistry, Vol. 276, No. 14		
<i>MRC</i>	Brian D. Reid, The Sterways Process: a New Approach to Inactivating Viruses Using Gamma Radiation, 1998, pps. 125-130, Biologicals, Vol. 26		
<i>MRC</i>	Robert G. Rohwer, Estimation of Scrapie Nucleic Acid MW From Standard Curves for Virus Sensitivity to Ionizing Radiation, March 27, 1986, pp. 381, Nature, Vol. 320, No. 6060		
<i>MRC</i>	Robert G. Rohwer, Scrapie Infectious Agent is Virus-like in Size and Susceptibility to Inactivation, April 12, 1984, pps. 658-662, Nature, Vol. 308		
<i>MRC</i>	R.G. Rohwer, The Scrapie Agent: "A Virus by Any Other Name", pps. 195-232, Current Topics In Microbiology and Immunology, Vol 172		
<i>MRC</i>	Robert G. Rohwer et al., Scrapie - Virus or Viroid, The Case For A Virus, pps. 333-355, Laboratory of Central Nervous System Studies, National Institutes of Neurological and Communicative Disorders and Stroke, National Institutes of Health		
<i>MRC</i>	Robert G. Rohwer, Virus-Like Sensitivity of the Scrapie Agent to heat Inactivation, February 10, 1984, pps. 600-602, Science, Vol. 223		
<i>MRC</i>	Robert Sullivan et al. Inactivation of Thirty Viruses by Gamma Radiation, July 1971, pps. 61-65, Applied Microbiology, Vol. 22, No. 1		
<i>MRC</i>	Boon-Seng Wong et al., Copper Refolding of Prion Protein, 2000, pps. 1217-124, Biochemical and Biophysical Research Communications, Vol. 276		
<i>MRC</i>	Boon-Seng Wong et al., Differential Contribution of Superoxide Dismutase Activity by Prion Protein in Vivo, 2000, pps. 136-139, Biochemical and Biophysical Research Communications, Vol 273		
<i>MRC</i>	Boon-Seng Wong et al., Prion Disease: A Loss of Antioxidant Function? 2000, pps. 249-252, Biochemical and Biophysical Research Communications, Vol. 275		
<i>MRC</i>	D.E. Wyatt et al., Is There Life After Irradiation? Part I: Inactivation of Biological Contaminants, June 1993, pps 34-39, BioPharm		
<i>MRC</i>	License Amendment and Procedures for Gamma Irradiation of blood Products, June 22, 1993, pps. 1-18, Dept. of Health & Human Services, Food and Drug Administration		
EXAMINER <i>monica r. chahal</i>	DATE CONSIDERED <i>01/20/05</i>		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<p>LIST OF PRIOR ART CITED BY APPLICANT PTO-1449)</p> <p style="text-align: right;">JAN 28 2002 U.S. PATENT AND TRADEMARK OFFICE</p>		ATTY. DOCKET NO. CI-0001	APPLN. SERIAL NO. 09/925,619
		APPLICANT(S) Wilson H. BURGESS, William N. DROHAN, Martin J. MACPHEE, David M. MANN and Ewa MADDOX	
		FILING DATE August 10, 2001	GROUP 1744
		OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)	
<i>MRC</i>	M.F. Alladine et al., γ -Radiation Damage to Starr-Edwards Valves, March 16, 1968, pp. 68, The Lancet, Letters to the Editor		
<i>MRC</i>	Ch. Baquey et al., Radiosterilization of Albuminized Polyester Prostheses, May 1987, pps. 185-189, Biomaterials, Vol. 8		
<i>MRC</i>	Edward H. Bedrossian, Jr., HIV and Banked Fascia Lata, 1991, pps. 284-288, γ -Irradiation in Plastic and Reconstructive Surgery, Vol. 7, No. 4		
<i>MRC</i>	Liu Bingci, Mouse Antibody Response Following Repetitive Injections of Gamma-Irradiated human Placenta Collagen, June 1994, pps. 100-103, Chinese Medical Sciences Journal, Vol. 9, No. 2		
<i>MRC</i>	E.A. Borisov et al., Protein Degradation During Interphase Death of Thymocytes Induced by Radiation and Dexamethasone, 1990, pps. 519-521		
<i>MRC</i>	R.G. Burwell, The Fate of Freeze-Dried Bone Allografts, June 1976, pps. 95-111, Transplantation Proceedings, Vol. VII, No. 2, Supplement 1		
<i>MRC</i>	L. Callegaro et al., Hollow Fiber Immobilized L-Asparaginase: In Vivo and In Vitro Immunological Studies, 1983, pps. 91-96, The International Journal of Artificial Organs, Vol. 6, No. 2		
<i>MRC</i>	G. Campalani et al., Aortic Valve Replacement With Frozen Irradiated Homografts, 1989, pps. 558-561, Eur. J. Cardio-thoracic Surgery, Vol. 3		
<i>MRC</i>	David T. Cheung et al., The Effect of γ -Irradiation on Collagen Molecules, Isolated α -chains, and Crosslinked Native Fibers, 1990, pps. 581-589, Journal of Biomedical Materials Research, Vol. 24		
<i>MRC</i>	David J. Cohen et al., The Fate of Aortic Valve Homografts 12 to 17 Years After Implantation, March 1988, pps 482-484, Chest, Vol. 93, No. 3		
<i>MRC</i>	A.G. Chuchalin et al., Clinical Immunosorbents Basing On Space-Network Polymers, 1998, pps. 1524-1529, All Union Research Institute of Chemical Reagents and Chemicals of Special Purity, Moscow		
<i>MRC</i>	P. De Deyne et al., Some Effects of Gamma Irradiation on Patellar Tendon Allografts, 1991, pps. 51-62, Connective Tissue Research, Vol. 27		
<i>MRC</i>	E.A. Dyskin et al., Hemomicrocirculatory Bed in the Wall of Hollow Organs of the Dog Gastrointestinal Tract at Portal Hypertension, pps. 68-73		
<i>MRC</i>	R. Guidoin et al., A Compound Arterial Prosthesis: The Importance of the Sterilization Procedure on the Healing and Stability of Albuminized Polyester Grafts, March 1985, pps. 122-128, Biomaterials, Vol. 6		
<i>MRC</i>	Ph. Hernigou et al., Radiation Sterilization of Bone and the HIV Virus, 1993, pps. 445-451, Revue de Chirurgie Orthopedique, Vol. 79		
<i>MRC</i>	Hsing-Wen Sung et al. Effects of Various Chemical Sterilization Methods on the Crosslinking and Enzymatic Degradation Characteristics of an Epoxy-Fixed Biological Tissue, December 1996, pps. 376-383, Sterilization of Biological Tissues		
<i>MRC</i>	James R. Malm et al., An Evaluation of Aortic Valve Homografts Sterilized by Electron Beam Energy, October 1967, pps. 471-477, Journal of Thoracic and Cardiovascular Surgery, Vol. 54, No. 4		
<i>MRC</i>	James R. Malm et al., Results of Aortic Valve Replacement Utilizing Irradiated Valve Homografts, pps 740-747, Annals New York Academy of Sciences		
EXAMINER <i>Marylyn R. Chmura</i>	DATE CONSIDERED 01/20/05		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<p style="text-align: center;">LIST OF PRIOR ART CITED BY APPLICANT</p> <p style="text-align: center;">(TO-1449)</p> <p style="text-align: center;">JAN 28 2002 TRADEMARKS SEARCHED</p>		ATTY. DOCKET NO. CI-0001	APPLN. SERIAL NO. 09/925,619
		APPLICANT(S) Wils n H. BURGESS, William N. DROHAN, Martin J. MACPHEE, David M. MANN and Ewa MADDOX	
		FILING DATE August 10, 2001	GROUP 1744
OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)			
MR	W. Oh et al., Mitral Valve Replacement With Preserved Cadaveric Aortic Homografts, May 1973, pps. 712-721, The Journal of Thoracic and Cardiovascular Surgery, Vol. 65, No. 5		
MR	K. Pietrucha, New Collagen Implant As Dural Substitute, April 1991, pps. 324-323, Biomaterials, Vol. 12		
MR	Maria Raptopoulou-Gigi et al., Antimicrobial Proteins in Sterilised Human Milk, January 1, 1977, pps. 12-14, British Medical Journal, Vol. 1		
MR	Edward A. Rittenhouuse et al., Sterilization of Aortic Valve Grafts for Transplantation, July 1979, pps. 1-5, Aortic Valve Grafts for Transplantation, Archives of Surgery, Vol. 101, No. 1		
MR	H. Sato et al., Sterilization of Therapeutic Immunoabsorbents by Ionizing Radiation, 1984, pps. 131-136, The International Journal of Artificial Organs, Vol. 9, No. 2		
MR	Richard A. Smith et al., Gamma Irradiation of HIV-1, 2001, pps. 815-819, Journal of Orthopaedic Research, Vol. 19		
MR	Barbara Lüssi-Schlatter et al., Die Antimikrobielle Behandlung von Peroralen Enzympräparaten mit Gamma-Strahlen, Pharmazeutisches Institut der Eidgenössischen Technischen Hochschule Zürich Galenische Abteilung		
EXAMINER <i>monica k. cheney</i>	DATE CONSIDERED <i>01/20/05</i>		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

APR 13 2002

SHEET 1 OF 6

**LIST OF PRIOR ART CITED BY
APPLICANT**
(PTO-1449)

ATTY. DOCKET NO.
CI-0001APPLN. SERIAL NO.
09/925,619APPLICANT(S)
Wils n Burg ss tal.FILING DATE
August 10, 2001GROUP
1744**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
MRC	4,784,850	11/1998	Abraham	424	87	
MRC	4,798,611	01/1989	Freeman, Jr.	623	66	RECEIVED
MRC	4,865,602	09/1989	Smestad et al.	623	16	
MRC	5,283,034	02/1994	Okrongly et al.	422	22	APR 19 2002
MRC	5,548,066	08/1996	Leneau et al.	530	390.5	TG 1700
MRC	5,643,464	07/1997	Rhee et al.	210	748	
MRC	5,989,498	11/1999	Odland	422	22	
MRC	6,203,544	03/2001	Gotzen	606	72	

U.S. PATENT APPLICATION PUBLICATIONS

	*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS	

U.S. PATENT APPLICATIONS

	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation
						Yes No
MRC	919 918 A2	06/1999	Europe (Abstract)			also X
MRC	919 918 A3	06/1999	Europe (Abstract)			also X
MRC	11-216147	08/1999	Japan (Abstract)			also X
MRC	1321420-A	07/1987	Soviet Union (Abstract)			also X
MRC	WO 00/25839	03/2000	PCT Int'l. (Abstract)			also X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)

MRC	Ozan Akkus et al., Fracture Resistance of Gamma Radiation Sterilized Cortical Bone Allografts, 2001, pps. 927-934, Journal of Orthopaedic Research, Vol. 19				
	S.R. Aparicio et al., Light and Electron Microscopy Studies on Homograft and Heterograft Heart Valves, 1975, pps. 174-162, J. Path., Vol. 115				
MRC	J. Baksa et al., The Use of Pig's Skin (xenograft) for the Treatment of Burns, 1976, pps. 138-145, Magyar Traumatoligin, Vol. 19				

EXAMINER	DATE CONSIDERED
Morgan L. Urengi	01/20/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**LIST OF PRIOR ART CITED BY
APPLICANT**
(PTO-1449)

ATTY. DOCKET NO.
CI-0001APPLN. SERIAL NO.
09/925,619APPLICANT(S)
Wils n Burg ss t al.FILING DATE
August 10, 2001GROUP
1744**FOREIGN PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
MRC	WO 01/08611A1	02/2001	PCT Int'l. (Abstract)			X	
MRC	WO 01/12318A1	02/2001	PCT Int'l. (Abstract)			X	
MRC	WO 01/32107A2	05/2001	PCT Int'l. (Abstract)				
MRC	WO 01/32110A2	05/2001	PCT Int'l. (Abstract)				
MRC	WO 01/45720A1	06/2001	PCT Int'l. (Abstract)				
MRC	WO 01/49219A1	07/2001	PCT Int'l. (Abstract)				
MRC	WO 01/72233A1	10/2001	PCT Int'l. (Abstract)				
MRC	WO 01/72244A1	10/2001	PCT Int'l. (Abstract)			X	
MRC	WO 01/91818A1	12/2001	PCT Int'l. (Abstract)			X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)

MRC	Seymour S. Block, Disinfection, Sterilization, and Preservation, Fundamental Principles of Activity, Principles of Antimicrobial Activity, Fourth Edition, 1991, pps. 31-33
MRC	A.J.J.C. Bogers et al., Long-Term Results of the Gama-Irradiation-Preserved Homograft Monocusp for Transannular Reconstruction of the Right-Ventricular Outflow Tract in Tetralogy of Fallot, 1994, pps. 337-339, Thorac. Cardiovasc. Surgeon, Vol. 42
MRC	Sandra Blakeslee, January 20, 2002, The New York Times
MRC	D.G. Campbell et al., Sterilization of HIV With Irradiation: Relevance to Infected Bone Allografts, 1999, pps. 517-521, Aust. N.Z.J. Surg., Vol. 69
MRC	Ernest U. Conrad et al., Transmission of the Hepatitis-C Virus by Tissue Transplantation, February 1995, pps. 214-224, The Journal of Bone and Joint Surgery, Vol. 77-A, No. 2
MRC	A.S. Dagli, Correction of Saddle Nose Deformities by Coral Implantation, 1997, pps. 274-276, Eur Arch Otorhinolaryngol, Vol. 254
MRC	Defeng et al., Sterilization of Silver-Acidum Pipemedicum Skin for the Treatment of Burns by Radioactive Cobalt-60-Gamma-Ray, 1995, pps. 406 (Abstract)
MRC	R.J. Donnelly et al., Gamma-radiation of Heart Valves at 4°C; A Comparative Study Using Techniques of Histochemistry and Electron and Light Microscopy, 1978, pps. 95-101
MRC	Bradley M. Fideler et al., Gamma Irradiation: Effects on Biomechanical Properties of Human Bone-Patellar Tendon-Bone Allografts, 1995, pps. 643-646, American Journal of Sports Medicine, Vol. 23, No. 5
MRC	Bradley M. Fideler et al., Effects of Gamma Irradiation on the Human Immunodeficiency Virus, July 1994, The Journal of Bone and Joint Surgery, vol. 76-A, No. 7
MRC	J.R.P. Gibbons et al., Effects of Gamma Irradiation on the Initial Mechanical and Material Properties of Goat Bone-Patellar Tendon-Bone Allografts, 1991, pps. 209-218, J. Orthop Res, Vol. 9, No. 2
MRC	J.R.P. Gibbons et al., Gamma Ray Sterilisation of Homograft Valves, 1969, pps. 353-358, Bulletin De La Society Internationale De Chirurgie, No. 3

EXAMINER

Morgan R. Murphy

DATE CONSIDERED

01/20/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

~~LIST OF PRIOR ART CITED BY
APPLICANT~~
(PTO-1449)

ATTY. DOCKET NO. CI-0001	APPLN. SERIAL NO. 09/925,619
APPLICANT Wilson Burg ss t al.	
FILING DATE August 10, 2001	GROUP 1744

OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)

MRC	M.J. Goertzen et al., Anterior Cruciate Ligament Reconstruction Using Cryopreserved Irradiated Bone-ACL-Bone-Allograft Transplants, 1994, pps. 150-157, Knee Surgery Sports Traumatology Arthroscopy, Vol. 2
MRC	M.J. Goertzen et al., Sterilisation of Canine Anterior Cruciate Allografts by Gamma Irradiation in Argon, March 1995, pps. 205-212, The Journal of Bone and Joint Surgery, Vol. 77-B, No. 2
MRC	Slawomir Gregorczyk et al., Strength of Lyophilized and Irradiated Cortical Bone of the Human Femur, 1995, pps. 129-133, Chir. Narz. Ruchu Ortop. Pol., Lx 2
MRC	F.W. Hehrlein et al., Biochemische Veränderungen an Heterologen Aortenklappentransplantaten nach Anwendung Verschiedener Sterilisationsverfahren, pps. 1183-1185, Langenbecks Arch. Chir., Bd. 325 (Kongrebericht) (English Summary found at page 1183)
MRC	F.W. Hehrlein et al., Morphologische Untersuchungen an Heterologen Herzklappentransplantaten Unter Verschiedenen Sterilisationsbedingungen, pps. 244-251 (English Summary found at page 250)
MRC	Richard Hinton et al., A Biomechanical Analysis of Solvent-dehydrated and Freeze-Dried Human Fascia Lata Allografts, 1992, pps. 607-612, The American Journal of Sports Medicine, Vol. 20, No. 5
MRC	M. Horowitz, Sterilization of Homograft Ossicles by Gamma Radiation, November 1979, pps. 1087-1089, The Journal of Laryngology and Otology, Vol. 93
MRC	Shinichiro Ijiri et al., Effect of Sterilization on Bone Morphogenetic Protein, 1994, pps. 628-636, Journal of Orthopaedic Research, Vol. 12
MRC	A.S. Imamaliev et al., Biological Properties of Bone Tissue Conserved in Plastic Material and Sterilized With Gama Rays, 1974, pps. 129-135, ACTA, Chirurgiae Plasticae, Vol. 16, No. 3
MRC	A. Ingegnieri et al., An 11-Year Assessment of 93 Flash-frozen Homograft Valves in the Aortic Position, 1979, pps. 304-307, Thorac. Cardiovasc. Surgeon, Vol. 27
MRC	J. Jerosch et al., A New Technique for Bone Sterilization, 1989, pps. 117-120, Biomedizinische Technik, Band 34, Heft 5
MRC	J. Jerosch et al., Influence of Different Rehydration Periods on the Stability and the Water Content of Bone Allografts After Lyophilization, Gamma-Irradiation, and Lipid Extraction, 1994, pps. 335-341, Z. Orthop., Vol. 132
MRC	L. Kerboull et al., In Vitro Study of the Influence of Various Conservation Methods on the Mechanical Properties of Patellar Tendon Allografts, 1991, pps. 751-762, Chirurgie, Vol. 117
MRC	Andrezej Komender et al., Some Biological Properties of Bovine Trypsinized Fascia Xenografts, 1981, pps. 485-489, Archivum Immunologiae et Therapiae Experimentalis, Vol. 29
MRC	Andrezej Komender et al., Some Biological Properties of Preserved Bovine Fascia Enriched With Pulverized Calf Cartilage, 1984, pps. 211-219, Archivum Immunologiae et Therapiae Experimentalis, Vol. 32
MRC	J.F. Kouvalchouk et al., The Use of Sterilized Bone Allografts in Reconstruction After Tumour Resection, 1986, pps. 393-401, Revue de Chirurgie Orthopedique, Vol. 72
MRC	Linberg et al., Irradiated Homologous Cartilage For Orbital Reconstruction, July 1980, pps. 457-462, Ophthalmic Surgery, Vol. 11
MRC	McDowell, Sandra, Irradiated Cartilage, Spring 1988, pps. 14-15, Plastic Surgical Nursing

EXAMINER

Morgan R. Chalif

DATE CONSIDERED

01/20/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

O
1 APR 18 2002

SHEET 4 OF 6

LIST OF PRIOR ART CITED BY
APPLICANT
(PTO-1449)

ATTY. DOCKET NO.
CI-0001APPLN. SERIAL NO.
09/925,619APPLICANT
Wilson Burgess et al.FILING DATE
August 10, 2001GROUP
1744

OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, etc.)

MRL	A. Maeda et al., Effects of Solvent Preservation With or Without Gamma Irradiation on the Material Properties of Canine Tendon Allografts, 1993, pps. 181-189, Journal of Orthopaedic Research, Vol. 11
MRL	Akira Maeda et al., Solvent-dried and Gamma-irradiated Tendon Allografts in Rats, July 1998, pps. 731-736, The Journal of Bone and Joint Surgery, Vol. 80-B, No. 4
MRL	S. Malawski et al., The Use of Dry-Freezed Bone Grafts Sterilized by Gamma Rays in Orthopaedic Surgery, 1969, pps. 61-68, Chir. Narz. Ruchu Ortop.
MRL	Ken Nakata et al., Reconstruction of the Lateral Ligaments of the Ankle Using Solvent-dried and Gamma-Irradiated Allogeneic Fascia Lata, May 2000, pps. 579-582
MRL	Maria Esther Martinez Pardo et al., Clinical Application of Amniotic Membranes on a Patient With Epidermolysis Bullosa, 1999, pps. 68-73, Annals of Transplantation, Vol. 4, No. 3-4
MRL	Jan Parizek et al., Duraplasty With Pretreated Freeze-Dried Sterilized Human Dura Mater, 1990, pps. 135-143, Sbor. ved. Praci LF UK Hradec Kralove, Vol. 33
MRL	Jan Parizek et al., Ovine Pericardium: A New Material For Duraplasty, 1996, pps. 508-513, J. Neurosurg., Vol. 84
MRL	Patel et al., Effect of Gamma Radiation and Ethylene Oxide on Papain, 1979, pps. 81-83, Indian. J. Pharm. Sci., Vol. 41, No. 2
MRL	L.V. Polezhaeu et al., Repair of Cranial Defects With Regenerating Bone in Grafting Gamma-Irradiated Bone Filings, pps. 57-60
MRL	Donald J. Prolo et al., Composite Autogeneic Human Cranioplasty: Frozen Skull Supplemental With Fresh Iliac Corticocancellous Bone, December 1984, pps. 846-851, Neurosurgery, Vol. 15, No. 6
MRL	Donald J. Prolo et al., Superior Osteogenesis in Transplanted Allogeneic Canine Skull Following Chemical Sterilization, August 1982, pps. 230-242, Clinical Orthopaedics and Related Research, No. 168
MRL	T.J. Rasmussen et al., The Effects of 4 Mrad of Gamma-Irradiation on the Initial Mechanical Properties of Bone-Patellar Tendon-Bone Grafts, 1994, pps. 188-197, The Journal of Arthroscopic and Related Surgery, Vol. 10, No. 2
MRL	S.C. Roe et al., The Effect of Gamma Irradiation on a Xenograft Tendon Bioprothesis, 1992, pps. 149-154, Clinical Materials, Vol. 9
MRL	D. Tylman, Mechanical Character of Liofilized and Sterilized by Gamma-Rays Bone Tissue, 1996, pps. 229-234, Chirurgia Narzadow Ruchu I, Ortopedia Polska
MRL	W. Welch, A Comparative Study of Different Methods of Processing Aortic Homografts, 1969, pps. 746-749, Thorax, Vol. 24
MRL	J.M. White et al., Sterilization of Teeth by Gamma Radiation, September 1994, pps. 1560-1567, J. Dent. Res., Vol. 73, No. 9
MRL	Qi Zhang et al., Ethylene Oxide Does Not Extinguish the Osteoinductive Capacity of Demineralized Bone, 1997, pps. 104-108, Acta Orthop Scand, Vol. 68, No. 2
MRL	Yongxing Zhang et al., A Comprehensive Study of Physical Parameters, Biomechanical Properties and Statistical Correlations of Iliac Crest Bone Wedges Used in Spinal Fusion Surgery, 1994, pps. 304-308, Spine, Vol. 19, No. 3

EXAMINER

marguerite b. chen

DATE CONSIDERED

01/20/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

LIST OF PRIOR ART CITED BY APPLICANT <small>1 APR 18 2002 (PTO-1449)</small>		ATTY. DOCKET NO. CI-0001	APPLN. SERIAL NO. 09/925,619
		APPLICANT Wils n Burgess et al.	
		FILING DATE August 10, 2001	GROUP 1744
OTHER ART (including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)			
<i>MRC</i>	A.A. Belov et al., The Influence of γ -radiation on Enzyme Activity of Collalitin in the Process of Storage, 12/07/89, pps. 519-521, All-Union Research Institute of Textile and Haberdashery Industry, Moscow		
<i>MRC</i>	R.I. Vaida et al., Structural-Functional Peculiarities of Myocardial Capillaries After Resection of the Lungs, 10/21/86, pps. 68-73		
<i>MRC</i>	Martindale's Extra Pharmacopoeia, Glucose, pp. 1265		
<i>MRC</i>	The Merck Index, Eleventh Edition Glucose, pps. 4353-4354		
<i>MRC</i>	G.L. Moore et al., Effects of 4000 Rad. Irradiation on the In Vitro Storage Properties of Packed Red Cells, Nov-Dec 1985, pps. 583-585, Final Rept., Pub. In Transfusion, Vol. 25, No. 6 (Abstract)		
<i>MRC</i>	Shcheglova et al. The Effect of the Power of Gamma-Radiation on the Radiation Dose in the Sterilization of Drugs, 1984, pps. 730-732, Khim-Farm Zh, Vol. 18, No. 6 (Abstract)		
<i>MRC</i>	G.A. Yarygina, Dose Rate Effect on Survival of Microorganisms Used as Test-Cultures in Radiation Sterilization of Medical Products, 1973, pps. 32-39, Radiats. Tekh., No. 9 (Abstract)		
<i>MRC</i>	O. Cornu et al., Effect of Freeze-Drying and Gamma Irradiation on the Mechanical Properties of Human Cancellous Bone, 2000, pps. 426-431, The Journal of Orthopaedic Research		
<i>MRC</i>	Anna Dziedzic-Goclawska et al., Effect of Radiation Sterilization on the Osteoinductive Properties and the Rate of Remodeling of Bone Implants Preserved by Lyophilization and Deep-Freezing, November, 1991, pps. 30-37, Clinical Orthopaedics and Related Research, No. 272		
<i>MRC</i>	Ole T. Jensen et al., Vertical Guided Bone-Graft Augmentation in a New Canine Mandibular Model, November 3, 1995, pps. 335-343, The International Journal of Oral and Maxillofacial Implants, Vol. 10		
<i>MRC</i>	Everard Munting et al., Effect of Sterilization on Osteoinduction, 1988, pps. 34-38, Acta Orthop. Scand, Vol. 59, No. 1		
<i>MRC</i>	P.A. Puolakkainen et al., The Effect of Sterilization on Transforming Growth Factor β Isolated From Demineralized Human Bone, 1993, pps. 679-685, Transfusion, Vol. 33, No. 8		
<i>MRC</i>	U. Ripamonti et al., Long-Term Evaluation of Bone Formation by Osteogenic Protein 1 in the Baboon and Relative Efficacy of Bone-Derived Bone Morphogenetic Proteins Delivered by Irradiated Xenogeneic Collagenous Matrices, 2000, pps. 1798-1809, Journal of Bone and Mineral Research, Vol. 15, No. 9		
<i>MRC</i>	A. Salehpour et al., Dose-Dependent Response of Gamma Irradiation on Mechanical Properties and Related Biochemical Composition of Goat Bone-Patellar Tendon-Bone Allografts, 1995, pps. 898-906 Journal of Orthopaedic Research, Vol. 13		
<i>MRC</i>	Nikolaus Schwartz et al., Irradiation-sterilization of Rat Bone Matrix Gelatin, 1988, pps. 165-167, Acta Orthop Scand, Vol. 59, No. 2		
<i>MRC</i>	C.W. Smith et al., Mechanical Properties of Tendons: Changes With Sterilization ad Preservation, February 1996, pps. 56-61, Journal of Biomechanical Engineering, Vol. 118		
<i>MRC</i>	Yuki Yoshi Toritsuka et al., Effect of Freeze-Drying or γ -Irradiation on Remodeling of Tendon Allograft In A Rat Model, 1997, pps. 294-300, Journal of Orthopaedic Research, Vol. 15		
<i>MRC</i>	Konrad Wangerin et al., Behavior of Differently Sterilized Allogenic Lyophilized Cartilage Implants in Dogs, 1987, pps. 236-242, J. Oral Maxillofac Surg., Vol. 45		
EXAMINER <i>monica R. Jankuji</i>	DATE CONSIDERED <i>01/20/05</i>		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



LIST OF PRIOR ART CITED BY
APPLICANT
SUBSTITUTION FOR
(PTO-1449)

ATTY. DOCKET NO.
CI-0001

APPLN. SERIAL NO.
09/925,619

APPLICANT
Wilson BURGESS et al.

FILING DATE
August 10, 2001

GROUP
1744

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
MRC	A1	4,336,247	06/1982	Eriksen	424	95	
MRC	A2	4,931,361	06/1990	Baldeschwieler et al.	428	402.2	
MRC	A3	5,012,503	04/1991	Nambu et al.	378	RECEIVED	
MRC	A4	5,044,091	09/1991	Ueda et al.	34	5	
MRC	A5	5,856,172	01/1999	Greenwood et al.	435	AUG 26 2002	
MRC	A6	6,010,719	01/2000	Remon et al.	424	464-1700	
MRC	A7	6,060,233	05/2000	Wiggins	435	TC2-1700	
MRC	A8	6,258,821	07/2001	Stogniew et al.	514	260	
	A9						
	A10						
	A11						

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER'S INITIALS	CITE NO.	*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS	FILING DATE
	B1						

U.S. PATENT APPLICATIONS

*EXAMINER'S INITIALS	CITE NO.	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	FILING DATE
	C1						

FOREIGN PATENT DOCUMENTS

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*DATE	*COUNTRY	CLASS	SUBCLASS	Translation
							Yes No
	D1						
	D2						
	D3						
	D4						
	D5						

OTHER ART

*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
MRC	E1	Alper, T. Does the Agent of Scrapie Replicate Without Nucleic Acid?, Nature, 214:764-766 (1967)
MRC	E2	Alper, T. et al., The Scrapie Agent: Evidence Against its Dependence For Replication on Intrinsic Nucleic Acid, J. Gen. Virol., 41:503-516 (1978)
MRC	E3	Blanchy, B.B. et al., Immobilization of Factor VIII on Collagen Membranes, J. Biomedical Materials Research, 20:469-479 (1986) (John Wiley & Sons, Inc.)
MRC	E4	Boyer, T.D. et al., Radiation Inactivation of Microsomal Glutathione S-Transferase, The Journal of Biological Chemistry, 261:16963-16968 (1986)

EXAMINER

monica R. shely

DATE CONSIDERED

01/20/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

ATTY. DOCKET NO.
CI-0001

APPLN. SERIAL NO.
09/925,619

APPLICANT
Wilson BURGESS et al.

FILING DATE
August 10, 2001

GROUP
1744

LIST OF PRIOR ART CITED BY
APPLICANT
SUBSTITUTION FOR
(PTO-1449)

AUG 26 2002
PATENT & TRADEMARK OFFICE

TC 1700
AUG 27 2002

OTHER ART

EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
MRC	E5	Chanderkar, L.P. et al., The Involvement of Aromatic Amino Acids in Biological Activity of Bovine Fibrinogen as Assessed by Gamma-Irradiation, <i>Radiation Research</i> , 65:283-291 (1976) (Academic Press, Inc.)
MRC	E6	Chanderkar, L.P. et al., Radiation-Induced Changes in Purified Prothrombin and Thrombin, <i>Biochimica et Biophysica Acta</i> , 706:1-8 (1982) (Elsevier Biomedical Press)
MRC	E7	Chin, S. et al., Virucidal Treatment of Blood Protein Products With UVC Radiation, <i>Photochemistry and Photobiology</i> , 65:432-435 (1997) (American Society for Photobiology)
MRC	E8	Ghosh, M.M. et al., A Comparison of Methodologies for the Preparation of Human Epidermal-Dermal Composites, <i>Annals of Plastic Surgery</i> , 39:390-404 (1997) (Lippincott-Raven Publishers)
MRC	E9	Hsiue, G. et al., Absorbable Sandwich-Like Membrane for Retinal-Sheet Transplantation, pp.20-25 (2002) (Wiley Periodicals, Inc.)
MRC	E10	Jensen, J. et al., Membrane-bound Na, K-ATPase: Target Size and Radiation Inactivation Size of Some of its Enzymatic Reactions, <i>J. Biological Chemistry</i> , 263:18063-18070 (1988) (Am. Soc. for Biochem. and Mol. Biol.)
MRC	E11	Kamat, H.N. et al., Correlation of Structural Alterations in Bovine Fibrinogen with Loss of Clotting Properties After Gamma Irradiation, <i>Radiation Research</i> , 49:381-389 (1972) (Academic Press, Inc.)
MRC	E12	Katz, R.W. et al., Radiation-Sterilized Insoluble Collagenous Bone Matrix is a Functional Carrier of Osteogenin for Bone Induction, <i>Calcified Tissue International</i> , 47:183-185 (1990) (Springer-Verlag New York, Inc.)
MRC	E13	Kempner, E.S. et al., Effect of Environmental Conditions on Radiation Target Size Analyses, <i>Analytical Biochemistry</i> , 216:451-455 (1994)
MRC	E14	Kempner, E.S. et al., Radiation-Damaged Tyrosinase Molecules are Inactive, <i>Biophysical Journal</i> , 55:159-162 (1989) (Biophysical Society)
MRC	E15	Kuijpers, A.J. et al., <i>In vivo</i> Compatibility and Degradation of Crosslinked Gelatin Gels Incorporated in Knitted Dacron, pp.137-144 (2000) (John Wiley & Sons, Inc.)
MRC	E16	Le Maire, M. et al., Effects of Ionizing Radiations on Proteins, <i>Journal of Biochem.</i> , 267: 431-439 (1990)
MRC	E17	Ma, J.T. et al., Functional Size Analysis of F-ATPase from <i>Escherichia coli</i> by Radiation Inactivation, <i>The Journal of Biological Chemistry</i> , 268:10802-10807 (1993) (The Am. Soc. for Biochem. and Mol. Bio., Inc.)
MRC	E18	Malm, J. R. et al., An Evaluation of Aortic Valve Homografts Sterilized by Electron Beam Energy, <i>J. Thoracic and Cardiovascular Surgery</i> , 54:471-477 (1967)
MRC	E19	Marx, G. Protecting Fibrinogen with Rutin During UVC Irradiation for Viral Inactivation, <i>Photochemistry and Photobiology</i> , 63:541-546 (1996) (American Society for Photobiology)
MRC	E20	Nagrani, S. et al., The Radiation-Induced Inactivation of External Yeast Invertase in Dilute Aqueous Solution, <i>Int. J. Radiat. Biol.</i> , 55:191-200 (1989) (Taylor & Francis Ltd.)
MRC	E21	Nielsen, M. et al., The Apparent Target Size of Rat Brain Benzodiazepine Receptor, Acetylcholinesterase, and Pyruvate Kinase Is Highly Influenced by Experimental Conditions, <i>The Journal of Biological Chemistry</i> , 263:11900-11906 (1988) (The American Society for Biochemistry and Molecular Biology, Inc.)
MRC	E22	Potier, M. et al., Radiation Inactivation of Proteins: Temperature-Dependent Inter-Protomeric Energy Transfer in Ox Liver Catalase, <i>Biochem. J.</i> , 298:571-574 (1994)

EXAMINER

menghe b. burlj

DATE CONSIDERED

01/20/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

RECEIVED



SEARCHED
INDEXED
MAILED
OCT 17 2002
PATENT & TRADEMARK OFFICE
U.S. DEPARTMENT OF COMMERCE
E101
LIST OF PRIOR ART CITED BY
APPLICANT
SUBSTITUTION FOR
(PTO-1449)

ATTY. DOCKET NO.
CI-0001

APPLN. SERIAL NO.
09/925,619

APPLICANT
Wilson BURGESS et al.

FILING DATE
August 10, 2001

GROUP
1744

TC
1700
AUG 27 2002

RECEIVED

OTHER ART

*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
MRC	E23	Rohwer, R.G., Estimation of Scrapie Nucleic Acid MW from Standard Curves for Virus Sensitivity to Ionizing Radiation, <i>Nature</i> , 320:381 (1986) (Macmillan Journals Ltd.)
MRC	E24	Sakai, T. et al., Microbiological Studies on Drugs and Their Raw Materials. IV. Sterilization of Microbial Contaminants in Enzyme Powder by Gamma Irradiation, <i>Chem. Pharm. Bull.</i> , 26:1130-1134 (1978)
MRC	E25	Salim-Hanna, M. et al., Free Radical Scavenging Activity Of Carnosine, <i>Free Rad. Res. Comms.</i> , 14:263-270 (1991) (Harwood Academic Publishers GmbH)
MRC	E26	Song, K.B. et al., Effect of Gamma-irradiation on the Physicochemical Properties of Blood Plasma Proteins, 2002 Annual Meeting and Food Expo-Anaheim, California, Session 30C-1, Food and Chemistry: Proteins, (June 2002) (Abstract)
MRC	E27	Suomela, H., Inactivation of Viruses in Blood and Plasma Products, <i>Transfusion Medicine Reviews</i> , 7:42-57 (1993) (W.B. Saunders Company)
MRC	E28	Wong, B. et al., Prion Disease: A Loss of Antioxidant Function? <i>Biochemical and Biophysical Research Communications</i> , 275:249-252 (2000) (Academic Press)
MRC	E29	(Abstract of EP0919198A2 and EP0919198A3 (Delphion-DERABS Abstract #G1999-304614))
MRC	E30	Website: www.wslfweb.org/docs/dstp2000.stopdf/19-MD.pdf , (Defense Science and Technology Plans, (February 2000) p.176, Section II, MD.03, U.S. Department of Defense Deputy Under Secretary of Defense (Science and Technology))
MRC	E31	Website: www.usacc.org/attaccc/ppt.html , (Advanced Technology Applications for Combat Casualty Care, 2001 Presentations, US Army Medical Research and Material Command Combat Casualty Care Research Program (2001))
MRC	E32	Website: www.usacc.org/RevisedStepB.html , Bakaltcheva, I. et al., (FY01 Request for Proposals-Intramural-Revised 2, Combat Casualty Care Research Program, (2000))
MRC	E33	Website: www.benvue.com/history/history_content.html , (2002)
MRC	E34	Website: www.phase-technologies.com/html/vol.2no1.html , Jennings, T.A., (Glossary of Terms for Lyophilization) (1999)
MRC	E35	Website: www.phase-technologies.com/html/vol.1no9.html , Jennings, T.A., (Overview of the Lyophilization Process) (1998)
MRC	E36	Website: www.phase-technologies.com/html/vol.1no2.html , Jennings, T.A., (Role of Product Temperature in the Lyophilization Process)
MRC	E37	Website: www.phase-technologies.com/html/vol.2no2.html , Jennings, T.A., (What I Wish I Knew About Lyophilization) (1999)
MRC	E38	Website: www.phase-technologies.com/html/vol.1no7.html , Jennings, T.A., (Which Shelf Temperature During Lyophilization?) (1998)
MRC	E39	Website: www.phase-technologies.com/html/vol.1no10.html , Jennings, T.A., (Yes, You have no Eutectic) (1998)

EXAMINER

DATE CONSIDERED

01/20/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**LIST OF PRIOR ART CITED BY
APPLICANT
SUBSTITUTION FOR
(PTO-1449)**

ATTY. DOCKET NO.
CI-0001APPLN. SERIAL NO.
09/925,619APPLICANT
Wilson Burg ss tal.FILING DATE
August 10, 2001GROUP
1744

U.S. PATENT DOCUMENTS

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
MRC	A1	4,880,512	11/14/89	CORNELIUS et al.	204	157.61	10/14/88
MRC	A2	5,944,735	08/31/99	GREEN et al.	606	194	10/30/97
MRC	A3	5,691,132	11/25/97	WOLLOWITZ et al.	435	2	11/14/94
MRC	A4	5,559,250	09/24/96	COOK et al.	549	282	06/05/95
MRC	A5	4,994,237	02/19/91	LOGIN et al.	422	21	11/13/89
	A6						
	A7						
	A8						
	A9						
	A10						
	A11						
	A12						
	A13						

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER'S INITIALS	CITE NO.	*PATENT APPLN. PUB. NO.	*PUBLICATION DATE	*APPLICANT	CLASS	SUBCLASS	FILING DATE
	B1						

U.S. PATENT APPLICATIONS

*EXAMINER'S INITIALS	CITE NO.	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	
	C1						

FOREIGN PATENT DOCUMENTS

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*PUBLICATION DATE	*COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
	D1							
	D2							
	D3							
	D4							
	D5							

OTHER ART

*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
MRC	E1	International Search Report dated January 17, 2003.
	E2	
	E3	

EXAMINER *Morgan R. Shubik* DATE CONSIDERED *01/20/05*

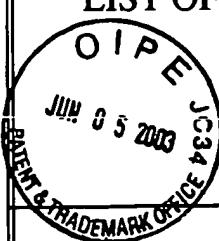
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not consider d. Include copy of this form with next communication to Applicant.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

LIST OF PRIOR ART CITED BY APPLICANT (PTO-1449)				ATTY. DOCKET NO. CI-0001		APPLN. SERIAL NO. 09/925,619	
				APPLICANT(S) Wilson BURGESS, William N. DROHAN, Martin J. MacPHEE, David MANN and Ewa MADDOX			
				FILING DATE August 10, 2001		GROUP 1744	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE	
U.S. PATENT APPLICATION/PUBLICATIONS							
	*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS		
U.S. PATENT APPLICATIONS							
	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS		
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)							
MRL	Robert J. Woods, "Food Irradiation," Endeavor, New Series, Vol. 18, No. 3, 1994, pp. 104-108.						
MRL	A. Dziedzic-Goclawska et al., "Sterilisation of Tissue Allografts," Advances in Tissue Banking, Vol. 1, pp. 261-321.						
MRL	M.J. Goertzen et al., "Sterilisation of Canine Anterior Cruciate Allografts by Gamma Irradiation in Argon," Journal of Bone and Joint Surgery (Corrections), Vol. 77-B, No. 2, March 1995, pp. 205-212.						
EXAMINER	DATE CONSIDERED <i>Morgan R. Chalif</i> 01/20/05						

EXAMINER: Initial if ref r nce considered, wh th r or not citation is in conformance with MPEP 609; draw lin thr ugh citation if not in conformance and not consid r d. Includ copy of this form with n xt communication to Applicant.

LIST OF PRIOR ART CITED BY
APPLICANT
(PTO-1449)



ATTY. DOCKET NO.
CI-0001

APPLN. SERIAL NO.
09/925,619

APPLICANT(S)
Wilson BURGESS, William N. DROHAN,
Martin J. MACPHEE, David M. MANN and Ewa
MADDOX

FILING DATE
August 10, 2001

GROUP
1744

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
MRC	6,346,216 B1	02/12/02	KENT	422	22	05/15/00
MRC	6,312,931 B1	11/06/01	O'DWYER et al.	435	173.1	02/11/00
MRC	6,358,284 B1	03/19/02	FEARNOT et al.	623	23.72	06/02/99
MRC	6,375,989 B1	04/23/02	BADYLAK et al.	424	551	06/10/99
MRC	6,384,419 B1	05/07/02	PURTLE	250	526	03/30/00
MRC	6,461,630 B1	10/08/02	TUCKER et al.	424	423	11/30/99
MRC	6,485,723 B1	11/26/02	BADYLAK et al.	424	93.7	05/08/00
MRC	4,877,866	10/31/89	RUDNICK et al.	530	387	11/18/87
MRC	6,383,810 B2	05/07/02	FIKE et al.	435	384	02/13/98

U.S. PATENT APPLICATION PUBLICATIONS

	*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS	
MRC	US2002/0064807 A1	04/30/02	BADYLAK et al.	435	34	11/14/01
MRC	US2002/0106394 A1	08/08/02	TUCKER et al.	424	423	09/18/01
MRC	US2002/0188319 A1	12/12/02	MORRIS et al.	606	213	06/10/02
MRC	US2003/0068815 A1	04/10/03	STONE et al.	435	325	05/17/02
MRC	US2001/0049141 A1	12/06/01	FIKE et al.	435	384	02/13/98

U.S. PATENT APPLICATIONS

	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
MRC	EP0808167 B1	06/05/02	EPO			<input checked="" type="checkbox"/>	
MRC	EP0820301 B1	07/24/02	EPO			<input checked="" type="checkbox"/>	
MRC	WO 00/28552	05/18/00	PCT			<input checked="" type="checkbox"/>	

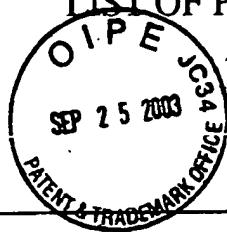
OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)

MRC	Robert J. Woods, "Food Irradiation," Endeavor, New Series, Vol. 18, No. 3, 1994, pp. 104-108.
MRC	A. Dziedzic-Goclawska et al., "Sterilisation of Tissue Allografts," Advances in Tissue Banking, Vol. 1, pp. 261-321.
MRC	M.J. Goertzen et al., "Sterilisation of Canine Anterior Cruciate Allografts by Gamma Irradiation in Argon," Journal of Bone and Joint Surgery (Corrections), Vol. 77-B, No. 2, March 1995, pp. 205-212.

EXAMINER	DATE CONSIDERED
Morgan R. Chaudhury	01/20/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

LIST OF PRIOR ART CITED BY
APPLICANT
(PTO-1449)



ATTY. DOCKET NO.
CI-0001

APPLN. SERIAL NO.
09/925,619

APPLICANT(S)
Wilson BURGESS, William N. DROHAN,
Martin J. MacPHEE, David MANN and Edward
MADDOX

FILING DATE
August 10, 2001

GROUP
1744

RECEIVED
SEP 16 2003
JC 1700

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
MRC	3,962,038	06/08/76	KAWASHIMA et al.	195	68	04/10/74
MRC	4,894,253	01/16/90	HEINEMAN et al.	427	36	08/08/88
MRC	5,002,766	03/26/91	RANSBERGER et al.	424	94.2	09/23/88
MRC	5,965,349	10/12/99	LIN et al.	435	2	03/17/97
MRC	5,958,669	09/28/99	OGLE et al.	435	1.1	05/02/97
MRC	5,911,951	06/15/99	GIRARDOT et al.	422	28	02/09/98

U.S. PATENT APPLICATION PUBLICATIONS

	*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS	

U.S. PATENT APPLICATIONS

	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
MRC	JP 40809868A	04/16/96	Japan			(Abs)	
MRC	WO 00/52031	09/08/00	PCT			✓	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)

MRC	P.V. Kapanin et al., "Feasibility of liposome cryoradiation sterilization," Khimiko-Farmatsevticheskii Zhurnal, 1988, Vol. 22(4), Abstract, pp. 479-82.

EXAMINER *Morgan R. Shulman* DATE CONSIDERED 01/20/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

REFERENCES SUBMITTED FOR CONSIDERATION

MRC Bright, R. W., Friedlaender, G. E., and Sell, K. W., "Tissue banking: the United States Navy Tissue Bank," *Mil. Med.*, Vol. 142, No. 7, 1977, pp. 503-510.

MRC Dziedzic-Goclawska, A., Ostrowski, K., Stachowicz, W., Michalik, J., and Grzesik, W., "Effect of radiation sterilization on the osteoinductive properties and the rate of remodeling of bone implants preserved by lyophilization and deep-freezing," *Clinical Orthopaedics and Related Research*, Vol. 272, 1991, pp. 30-37.

MRC Fideler B.M., Vangsness C.T., Lu B., Orlando C., and Moore T., "Gamma irradiation: effects on biomechanical properties of human bone-patellar tendon-bone allografts," *Am J Sports Med*, Vol. 23, No. 5, 1995, pp. 643-646.

MRC Goertzen, et al., "Sterilisation of Canine Anterior Cruciate Allografts by Gamma Irradiation in Argon. Mechanical and Neurohistological Properties Retained One Year After Transplantation", *J. Bone Joint Surg. Br.*, 77(2):205-12 1995

MRC Hamer, A. J., Strachan, J. R., Black, M. M., Ibbotson, C. J., Stockley, I., and Elson, R. A., "Biomechanical properties of cortical allograft bone using a new method of bone strength measurement. A comparison of fresh, fresh-frozen and irradiated bone," *J. Bone Joint Surg. Br.*, Vol. 78, No. 3, 1996, pp. 363-368.

MRC Salehpour, A., Butler, D. L., Proch, F. S., Schwartz, H. E., Feder, S. M., Doxey, C. M., and Ratcliffe, A., "Dose-dependent response of gamma irradiation on mechanical properties and related biochemical composition of goat bone-patellar tendon-bone allografts," *J. Orthop. Res.*, Vol. 13, No. 6, 1995, pp. 898-906.

MRC Wientroub, S. and Reddi, A. H., "Influence of irradiation on the osteoinductive potential of demineralized bone matrix," *Calcif. Tissue Int.*, Vol. 42, No. 4, 1988, pp. 255-260.

	<u>U.S. Patent</u>	<u>Date of Publication (Grant)</u>
MRC	5,362,442	November 8, 1994
MRC	2,832,689	April 29, 1958
MRC	2,962,380	November 29, 1960

Pursuant to 37 C.F.R. § 1.17(p) the fee of \$180.00 is enclosed herewith.

Pursuant to 37 C.F.R. § 1.17(i) the processing fee of \$130.00 is enclosed herewith

TWO DUPLICATE COPIES OF THIS SHEET ARE ENCLOSED.

01/20/05

Margie R. Chvala